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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/066,689 | 02/06/2002 | William Lu | 0941-0408P-SP | 5635 |

2292 7590 05/03/2004

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| EXAMINER |
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ALI, MOHAMMAD

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| ART UNIT | PAPER NUMBER |
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2177

DATE MAILED: 05/03/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/066,689

Applicant(s)

LU, WILLIAM

Examiner

Mohammad Ali

Art Unit

2177

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The application has been examined. Claims 1-12 are pending in this Office

Action.

Specification

2. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

The word **first** and **finally** should not be used in the Abstract. Appropriate correction is required.

The **title** of the invention is not descriptive. A new **title** is required that is clearly indicative of the invention to which the claims are directed.

Priority

3. Receipt of is acknowledge of papers submitted under 35 USC 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Olah et al. ('Olah' hereinafter), US Patent 6,446,119 in view of Agassy et al. ('Agassy' hereinafter), US PG Pub 2002/0004819.

With respect to claim 1,

Olah discloses an image interception method (see col. 9, lines 34-37),
comprising the steps of:

providing a document (see col. 4, lines 33-35);
obtaining an image contained in the document (see col. 7, lines 31-37, Fig. 6);
recognizing the image (see col. 7, lines 40-50 et seq); and
intercepting the image if the image is recognized as an objectionable image (see col. 4, lines 23-35 and col. 9, lines 34-37).

Olah does not explicitly indicate the claimed recognizing image.

Agassy discloses the claimed recognizing image (for recognizing and processing data using the TCP/IP protocol on any network node, see page 10, paragraph 0313).

It would have been obvious to one ordinary skill in the data processing art at the time of the present invention to combine the teachings of the cited references, because

Art Unit: 2177

recognizing image of Agassy's teachings would have allowed Olah's system to improve the intercept and alter data whether data is sent all at once or multiple distinct packet which device could collect, compile, alter and sent on as suggested by Agassy at page 1, paragraph 0013. Further, recognizing image as taught by Agassy improves to update data sent from a server to a client (see page 1, paragraph 0004).

As to claim 2,

Olah teaches opening the document (see col. 6, lines 66-67).

As to claim 3,

Olah teaches showing the image if the image is not recognized as an objectionable image (see col. 3, lines 43-46 and col. 4, lines 23-25).

As to claim 4,

Olah teaches wherein the image can be obtained by reading the image directly if the image is attached to the document (see col. 5, lines 22-29, Fig. 1).

As to claim 5,

Olah teaches wherein the image can be obtained by reading the image through a link if the image is linked to within the document (see col. 5, lines 21-32 et seq).

As to claim 6,

Olah teaches wherein the image is recognized by a recognition module (see col. 3, lines 46-50, Fig. 5 et seq).

As to claim 7,

Olah teaches setting the sensitivity of the recognition module (see col. 3, lines 46-50, Fig. 5 et seq).

Art Unit: 2177

As to claim 8,

Olah teaches wherein the document is a webpage (see col. 2, lines 60-65, Fig. 1 et seq).

As to claim 9,

Olah teaches wherein the document is an email message (see col. 5, lines 21-33, Fig. 5 et seq).

As to claim 10,

Olah teaches wherein the document is a document generated within an office productivity application (see col. 6, lines 57-65).

As to claim 11,

Olah teaches wherein the document is a PDF document (see col. 5, lines 21-33, Fig. 1).

As to claim 12,

Olah teaches wherein the objectionable image contains sexual themes (see col. 3, lines 15-22 et seq).

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad Ali whose telephone number is (703) 605-4356. The examiner can normally be reached on Monday to Thursday from 7:30am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (703) 305-9790. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306 for any communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9600.

MA

April 30, 2004


Mohammad Ali

Patent Examiner